



## Course Sequence

| GRADE       | NOT SCIENCE<br>ORIENTED             | SCIENCE<br>ORIENTED  | MATH<br>PREREQUISITES  | SCIENCE<br>PREREQUISITES   |
|-------------|-------------------------------------|--|--|--|
| <b>7</b>    | <b>General Science</b>              | <b>General Science</b>   | <b>None</b>  | <b>None</b>  |
| <b>8</b>    | <b>Physical Science</b>             | <b>Physical Science</b>  | <b>7th Grade Math</b>  | <b>None</b>  |
| <b>9</b>    | <b>Biology*</b>                     | <b>Biology</b>   | <b>None</b>  | <b>None</b>  |
| <b>10</b>   | <b>Chemistry*</b>                   | <b>Chemistry</b>   | <b>Algebra 1</b>   | <b>None</b>  |
| <b>11</b>   | <b>Physics*</b>                     | <b>Physics</b>   | <b>Algebra 1, Geometry,<br/>Basic Trigonometry<br/>Functions</b> | <b>None</b>  |
| <b>12</b>   |                                     | <b>Adv. Biology<br/>Adv. Chemistry<br/>Adv. Physics<br/>Marine Biology</b> | <b>None<br/>Algebra 2<br/>Pre-Calculus<br/>None</b>              | <b>Biology &amp; Chemistry<br/>Chemistry<br/>Physics<br/>Biology</b> |
| <b>9-12</b> | <b>Health &amp;<br/>Nutrition**</b> | <b>None</b>  | <b>None</b>  | <b>None</b>  |
| <b>9-12</b> | <b>High School<br/>Astronomy</b>    | <b>None</b>  | <b>None/Basic<br/>Trigonometry***</b>                            | <b>None</b>  |

\*For the student who is not science-oriented, these courses can be spread over 2 years.

\*\*Some states require Health; others see it as an elective course. Please follow your state's guidelines for scheduling this course.

\*\*\*There are no math prerequisites for this course. Some of the scientific reading is backed by the mathematical equations that support it. Within the text, the author works out every mathematical explanation in great detail so that the student can follow along without needing the actual math skills. For students who are ready for the math, the author includes some comprehensive questions in the On Your Own section. Students do not need to complete these questions to receive credit for this course. Detailed answers for all the On Your Own Questions are provided in the back of the textbook so students have all of the materials they need to succeed.